



# DER Ride Through Task Force (DERRTTF) Final Report

Date (November 12, 2019)

## Issue Creation

Problem Statement ([link](#)) and Issue Charge ([link](#)) brought forward by PJM and approved at the November 8, 2018 Planning Committee.

## Issue Summary

IEEE recently approved changes to the IEEE 1547-2018 standard to improve the response of distributed energy resources after a transmission system fault. The Task Force was charged with reviewing the technical information surrounding these changes and develop a recommendation that will allow DER resources to meet the IEEE standard and maintain PJM system reliability.

## Consensus-Based Issue Resolution Process

Number of Meetings and date range covering this topic: 8

Non-Binding Poll Results ([links](#))

Vote Results (none)

Final Matrix ([link](#))

### 1. Recommended Proposal

Stakeholders expressed interest in a technical recommendation from PJM that can be used by DER facilities in absence of local standards from the distribution or transmission companies. The PJM recommendations were confirmed against an analysis of the New Jersey transmission and distribution system with a large penetration of DER resources.

The Task Force created a recommendation paper that will be posted on PJM's website and referenced in PJM Manual 14D.

### 2. Standing Committee Results

Final report will be presented as a first read at the November 12, 2019 Planning Committee meeting and request endorsement at the December 12, 2019 Planning Committee meeting.



## Appendix I: Supplemental Documents

Committee Page ([link](#))  
 Issue Tracking ([link](#))  
 FERC Docket (N/A)

## Appendix II: PJM Participation

Facilitator Susan McGill  
 Secretary Jonathan Thompson  
 Subject Matter Expert Andrew Levitt  
 Subject Matter Expert Emanuel Bernabeu

## Appendix III: Stakeholder Participation

Name	Company	Sector
Smith, Mark	American Electric Power	Not Applicable
Hadaway, Alan	American Municipal Power, Inc.	Not Applicable
Swanger, Eric	Appalachian Power Company	Generation Owner
Bhattarai, Rojan	Argonne National Laboratory	Not Applicable
Singh, Mohit	Commonwealth Edison Company	Transmission Owner
Westfallen, Vincent	Commonwealth Edison Company	Transmission Owner
Collins, Kevin	Cornerstone Gas, L.L.C.	Generation Owner
Horning, Lynn Marie	Customized Energy Solutions, Ltd.	Not Applicable
Horstmann, John	Dayton Power & Light Company (The)	Transmission Owner
Willey, Amy	Delaware.gov	Not Applicable
Diong, Mamadou	Dominion Virginia Power	Not Applicable
Connelly, Nancy	Duke Energy Ohio, Inc.	Transmission Owner
Paff, Tom	Duke Energy Renewable Services, LLC	Generation Owner
Collette, Lucas	Duquesne Light Company	Transmission Owner
Brodbeck, John	EDP Renewables North America, LLC	Other Supplier
Ainspan, Malcolm	Energy Curtailment Specialists, Inc.	Other Supplier
Rankin, Ben	enemex	Other Supplier
D'Alessandris, Lou	FirstEnergy Solutions Corp.	Transmission Owner
Tobia, James	FirstEnergy Solutions Corp.	Transmission Owner
Sweeney, Rory	GT Power Group	Not Applicable
Ericson, Christine	Illinois Commerce Commission	Not Applicable
Johnston, David	Indiana Utility Regulatory Commission	Not Applicable
Wisersky, Megan	Madison Gas & Electric Company	Other Supplier
Wehnes, Kathleen	Maryland Public Utility Commission	Not Applicable
York, Amy	McNees Wallace & Nurick LLC	Not Applicable



Name	Company	Sector
Banunarayanan, Venkat	nreca	Other Supplier
Mariam, Yohannes	Office of the Peoples Counsel for the District of Columbia	End User Customer
Ford, Adrien	Old Dominion Electric Cooperative	Not Applicable
Bernabau, Emmanuel	PJM Interconnection, LLC	Not Applicable
Chen, Yang	PJM Interconnection, LLC	Not Applicable
Ciabattoni, Joseph	PJM Interconnection, LLC	Not Applicable
Glatz, Suzanne	PJM Interconnection, LLC	Not Applicable
Levitt, Andrew	PJM Interconnection, LLC	Not Applicable
McGill, Susan	PJM Interconnection, LLC	Not Applicable
Patil, Ninad	PJM Interconnection, LLC	Not Applicable
Snyder, Sue	PJM Interconnection, LLC	Not Applicable
Thompson, Jonathan	PJM Interconnection, LLC	Not Applicable
Colby, Mike	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Rumsey, Amanda	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Lyakhovich, Leonid	Public Service Electric & Gas Company	Not Applicable
Mousa, Ahmed	Public Service Electric & Gas Company	Not Applicable
Sherman, Bob	Public Service Electric & Gas Company	Not Applicable
Hoatson, Tom	Riverside Generating, LLC	Other Supplier
Huang, Jame	Rockland Electric Company	Transmission Owner
Essah, David	State Corporation Commission, Virginia	Not Applicable
Ovando, Pablo	The Federal Energy Regulatory Commission	Not Applicable
Singer, Chad	Trane Grid Services, LLC	Other Supplier
Mertz, Christopher	Virginia Electric & Power Company	Transmission Owner